

## **I. AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

- Claim 1. (previously amended): A system for facilitating multiplayer gaming over a computer network, the system comprising:  
a computer terminal configured with a client program and a second program;  
wherein the client program automatically detects when selected individuals are playing one or more multiplayer games on the computer network,  
notifies a user of the games and selected individuals playing the games,  
searches for and detects when one or more of the games are executing on the terminal, and  
communicates data identifying the running games and the user over the computer network for receipt by selected individuals;  
wherein the second program, which is separate from the games executing on the terminal, determines a connection status of the executing games and communicates the connection status to the client program;  
and  
wherein the client program communicates the connection status of the executing games over the computer network for receipt by the selected individuals.
- Claim 2. (original): The system of claim 1, wherein the client program assists the user in joining an individual in a game by running an instance of the game on the terminal and connecting the terminal to a location hosting the game.
- Claim 3. (previously amended): The system of claim 2 wherein the client program further generates a user interface that allows the user to join the individual in a game by selecting an icon.
- Claim 4. (cancelled).
- Claim 5. (cancelled).

- Claim 6. (previously amended): The system of claim 1 wherein the second program comprises a layered service provider program.
- Claim 7. (original): The system of claim 1 wherein the connection status comprises an IP address hosting a corresponding game.
- Claim 8. (original): The system of claim 1 further comprising:  
one or more servers adapted to receive the data and connection status and to communicate the data and connection status to the selected individuals.
- Claim 9. (original): The system of claim 2 wherein the program is further adapted to allow the user to send and receive instant messages to and from selected individuals.
- Claim 10. (original): The system of claim 9 wherein the selected individuals include individuals other than the user stored on a friend list created by the user.
- Claim 11. (original): The system of claim 10 wherein the selected individuals include individuals other than the user stored on a friend list created by an individual other than the user stored on a friend list created by the user.
- Claim 12. (previously amended): A computerized method for facilitating multiplayer games over a computer network, comprising:  
searching for and detecting when one or more multiplayer games are executing on a user terminal;  
detecting when selected individuals are playing one or more of the multiplayer games on the computer network;  
notifying the user of the games and selected individuals playing the games;  
detecting, by a separate program, a connection status of the executing games; and  
communicating, by the separate program, data identifying the user, executing games and connection status to the selected individuals over the computer network; and  
assisting the user in joining an individual in a game by executing an instance of the game on the user terminal and connecting, based on the connection status, the user terminal to an address hosting the game.

Claim 13. (cancelled).

Claim 14. (original): The method of claim 12 wherein the connection status comprises an IP address hosting a corresponding game.

Claim 15. (original): The method of claim 14 further comprising:  
sending and receiving instant messages between the user and the selected individuals.

Claim 16. (original): The method of claim 15 wherein the selected individuals comprise first individuals contained on a list associated with the user.

Claim 17. (original): The method of claim 16 wherein the selected individuals comprise second individuals included on a list, other than the user, associated with one or more of the first individuals.

Claim 18. (currently amended): A non-transitory computer-readable storage medium having computer-executable instructions for performing a method for facilitating multiplayer online gaming, the method comprising:  
searching for and detecting when one or more multiplayer games are running on a user terminal;  
detecting when selected individuals are playing one or more of the games on the computer network;  
notifying a user of the games and selected individuals playing the games;  
cause a second computer program to execute that determines a connection status of the executing games and communicates the connection status to the data processing apparatus; and  
assist the user in joining one of the selected individuals in a game by executing an instance of the game on the user terminal and connecting, based on the connection status, the user terminal to an address hosting the game.

Claim 19. (cancelled).

Claim 20. (currently amended): The non-transitory computer-readable storage medium of claim 18, wherein the method further comprises:  
detecting a connection status of the executing games; and  
communicating data identifying the user, executing games and connection status to the selected individuals over the computer network.

- Claim 21. (currently amended): The non-transitory computer-readable storage medium of claim 20, wherein the connection status comprises an IP address hosting a corresponding game.
- Claim 22. (currently amended): The non-transitory computer-readable storage medium of claim 20, wherein the method further comprises:  
sending and receiving instant messages between the user and the selected individuals.
- Claim 23. (currently amended): The non-transitory computer-readable storage medium of claim 22, wherein the selected individuals comprise first individuals included on a list chosen by the user.
- Claim 24. (currently amended): The non-transitory computer-readable storage medium of claim 23, wherein the selected individuals comprise second individuals included on a list chosen by one or more of the first individuals.
- Claim 25. (cancelled).
- Claim 26. (cancelled).
- Claim 27. (previously added): A system for facilitating multiplayer gaming over a computer network, the system comprising:  
a computer terminal configured with a client program and a second program;  
wherein the client program automatically detects when selected individuals are playing one or more multiplayer games on the computer network,  
notifies a user that the selected individuals are on the network and the games the selected individuals are playing,  
searches the terminal's operating system processes to detect when one or more of the games are executing on the user's terminal and  
communicates data identifying the executing games and the user over the computer network for receipt by selected individuals;  
wherein the second program, which is not in communication with the games executing on the terminal, determines a connection status of the executing games and communicates the connection status to the client program; and  
wherein the client program is further adapted to communicate the connection status of the executing games over the computer network

to the selected individuals.

Claim 28. (currently amended): A non-transitory computer-readable storage medium having computer-executable instructions for performing a method for facilitating multiplayer online gaming, the method comprising:

- automatically detecting when selected individuals are playing one or more multiplayer games on the computer network, and notifying a user that the selected individuals are on the network and the games the selected individuals are playing;
- searching the terminal's operating system to detect when one or more of the games are executing on the user's terminal and communicating data identifying the executing games and the user over the computer network for receipt by selected individuals;
- executing a second computer program that determines a connection status of the executing games and communicates the connection status to the data processing apparatus; and
- communicating the connection status of the executing games over the computer network to the selected individuals.

Claim 29. (currently amended): The non-transitory computer-readable storage medium of ~~claim 26~~ claim 28 wherein the method further comprises assisting the user in joining one of the selected individuals in a game by executing an instance of the game on the user terminal and connecting, based on the connection status, the user terminal to an address hosting the game.

Claim 30. (new): A non-transitory computer-readable storage medium having computer-executable instructions for facilitating multiplayer online gaming, comprising:

- computer-executable instructions for searching for and detecting when one or more multiplayer games are running on a user terminal;
- computer-executable instructions for detecting when selected individuals are playing one or more of the games on the computer network;
- computer-executable instructions for notifying a user of the games and selected individuals playing the games;
- computer-executable instructions to cause a second computer program to execute that determines a connection status of the executing games and communicates the connection status to the data processing apparatus; and
- computer-executable instructions to assist the user in joining one of the selected individuals in a game by executing an instance of the game on the user terminal and connecting, based on the connection status,

the user terminal to an address hosting the game.

- Claim 31. (new): The non-transitory computer-readable storage medium of claim 30, comprising:  
computer-executable instructions for detecting a connection status of the executing games; and  
computer-executable instructions for communicating data identifying the user, executing games and connection status to the selected individuals over the computer network.
- Claim 32. (new): The non-transitory computer-readable storage medium of claim 31, wherein the connection status comprises an IP address hosting a corresponding game.
- Claim 33. (new): The non-transitory computer-readable storage medium of claim 31, further comprising:  
computer-executable instructions for sending and receiving instant messages between the user and the selected individuals.
- Claim 34. (new): The non-transitory computer-readable storage medium of claim 33, wherein the selected individuals comprise first individuals included on a list chosen by the user.
- Claim 35. (new): The non-transitory computer-readable storage medium of claim 34, wherein the selected individuals comprise second individuals included on a list chosen by one or more of the first individuals.
- Claim 36. (new): A non-transitory computer-readable storage medium having computer-executable instructions for performing a method for facilitating multiplayer online gaming, comprising:  
computer-executable instructions for automatically detecting when selected individuals are playing one or more multiplayer games on the computer network, and notifying a user that the selected individuals are on the network and the games the selected individuals are playing;  
computer-executable instructions for searching the terminal's operating system to detect when one or more of the games are executing on the user's terminal and communicating data identifying the executing games and the user over the computer network for receipt by selected individuals;  
computer-executable instructions for executing a second computer

program that determines a connection status of the executing games and communicates the connection status to the data processing apparatus; and  
computer-executable instructions for communicating the connection status of the executing games over the computer network to the selected individuals.

Claim 37. (new): The non-transitory computer-readable storage medium of claim 36, further comprising computer-executable instructions for assisting the user in joining one of the selected individuals in a game by executing an instance of the game on the user terminal and connecting, based on the connection status, the user terminal to an address hosting the game.